



Hacknovation 1.0

10th - 11th Oct



Presentation by
Team Techies



AgriBot

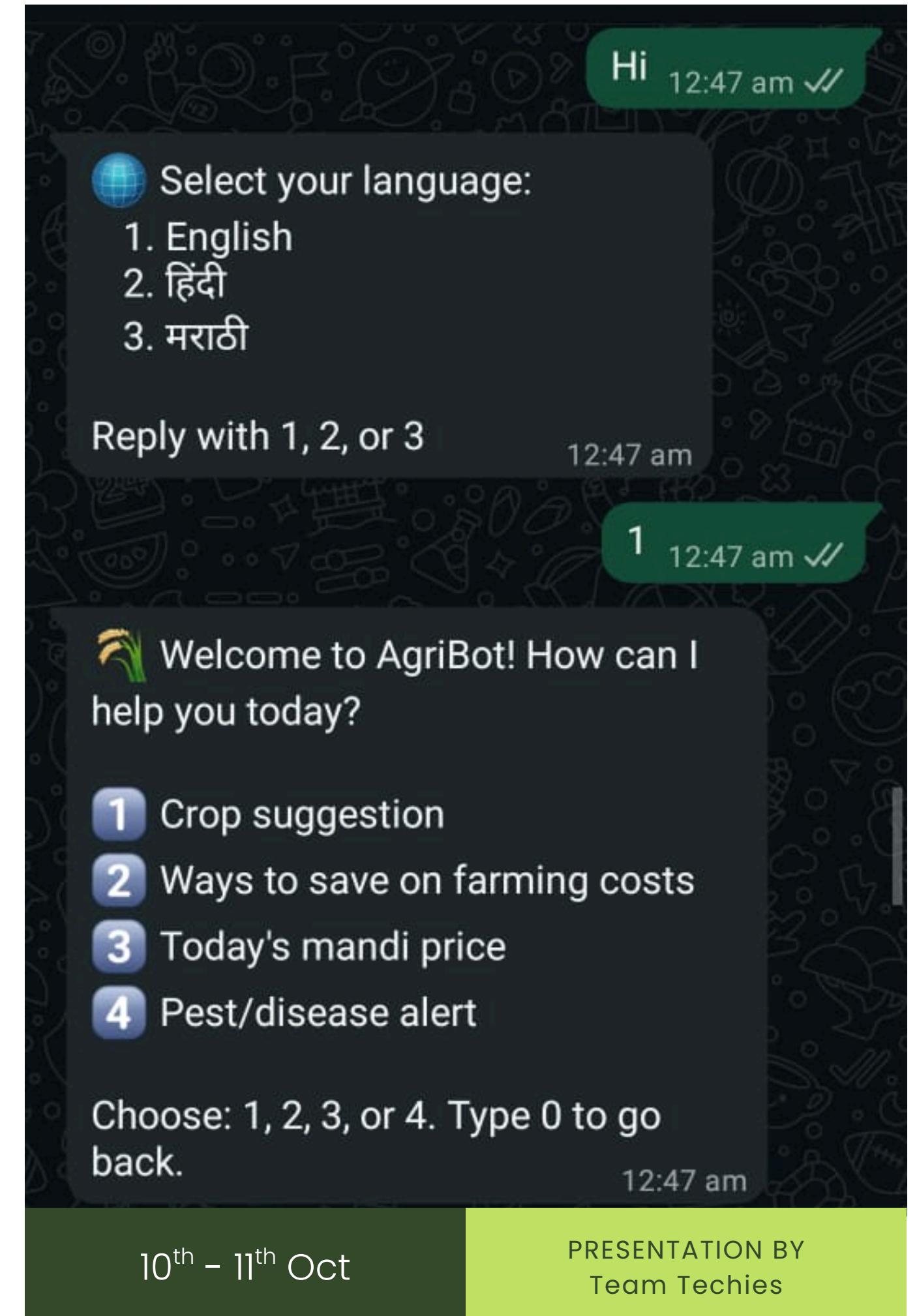
whatsapp Based agricultural
chatBot

AgriBot

about our WhatsApp Bot

AgriBot revolutionizes farming by bringing AI and real-time **mandi intelligence** straight to every farmer's **WhatsApp**! Our multilingual chatbot offers [crop suggestions](#), [market price analysis](#), [pest alerts](#), and [cost-saving strategies](#), all tailored to the user's location and language.

Powered by *Gemini AI and live government data*, AgriBot empowers small farmers to make smarter, faster decisions for better yields and profits. With intuitive, conversational support and instant updates in simple language, AgriBot transforms agri-advisory into a high-tech ally—bridging India's digital gap and making modern farming as easy as chatting with a friend!



what is different in Our chatBot?



कृषि एवं किसान कल्याण विभाग

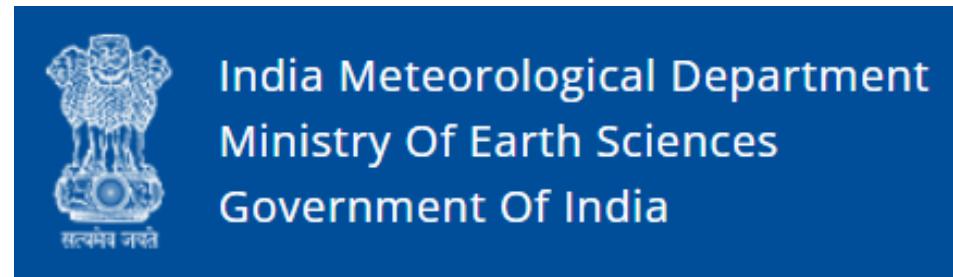
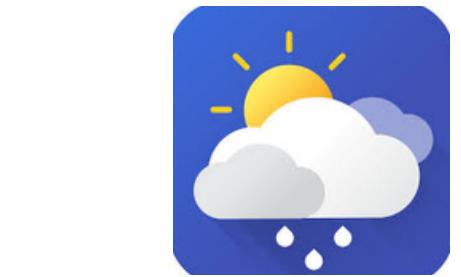
DEPARTMENT OF AGRICULTURE & FARMERS WELFARE

भारत सरकार

GOVERNMENT OF
INDIA

कृषि एवं किसान कल्याण मंत्रालय

MINISTRY OF AGRICULTURE & FARMERS
WELFARE



- Uses real **mandi API** for accurate daily prices.
- Gives instant crop and pest advice via **WhatsApp**.
- Supports **Hindi, Marathi, and English** conversations natively.
- Explains every step with simple, farmer-friendly words.
- Recommends personalized actions using **weather and location data**.
- Empowers with **cost-saving tips** made just for farmers.
- Guides with both English commands and local translation.
- Helps any farmer, even without technical skills, succeed.

AgriBot



It's Outcome

The screenshots show the following interactions:

- Message 1:** Weather Gunupur NPK 80 40 250 Colour black. The bot provides crop recommendations for Gunupur, including soil test results (N: 80mg/kg, P: 40mg/kg, K: 250mg/kg), soil color (black), next 5 days weather (32.8mm rain, 26.0°C avg), and season (Rabi (Winter)). It also lists 1. Chickpea (Gram) with a note about its growth requirements and a link to read more.
- Message 2:** Pest wheat Gunupur. The bot asks about wheat pests and provides advice on what to watch for, mentioning Aphids (अोटे कीड़े) and Wheat Rust (गेहूं का रतुआ).
- Message 3:** price cabbage gurgaon. The bot discusses cabbage prices in Gurgaon, noting the average price is ₹2000, and advises on whether it's a good price and how long it can be stored.
- Message 4:** cost wheat janla farm 3 budget 150000. The bot helps calculate costs for growing wheat in Janla, given a 3-acre farm and a budget of ₹150,000, suggesting ways to save money.

- Farmers make faster, smarter decisions every day.
- More profit and better yields for small farmers.
- Agri-advice is accessible in native languages instantly.
- Reduces uncertainty by connecting to real-time data.

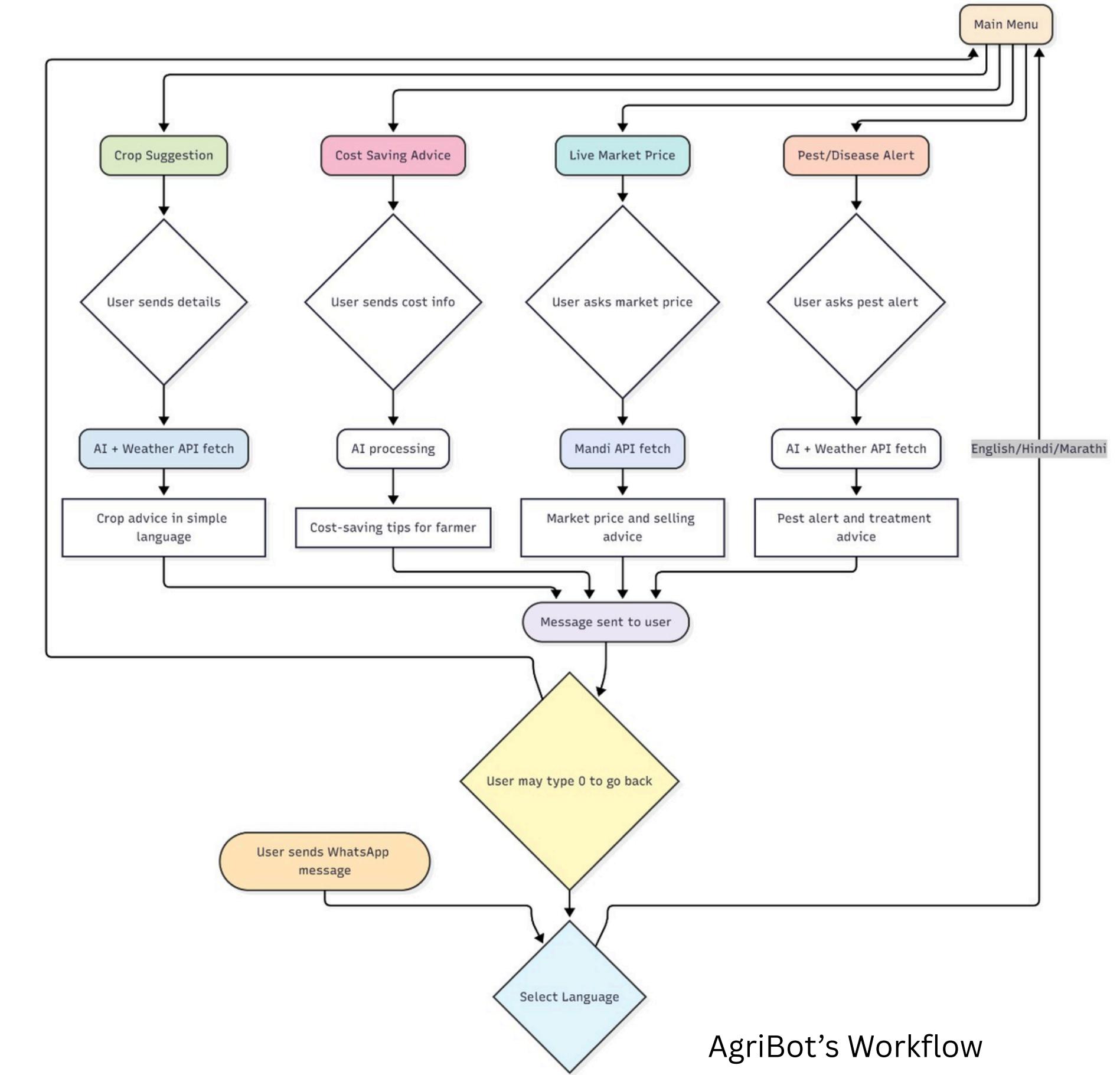
PRESENTATION BY
Team Techies

10th – 11th Oct





Work Cycle

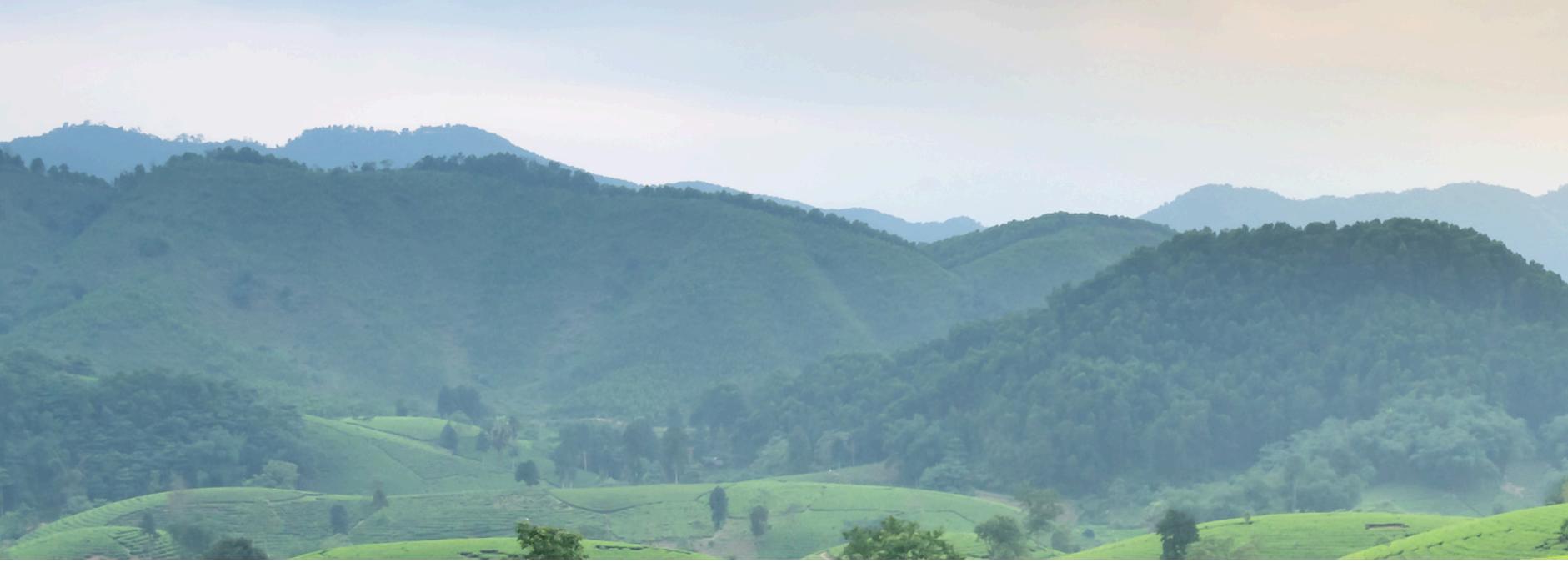




our vision

Our vision is to empower every farmer with personalized, data-driven advice, bridging gaps in knowledge, technology, and opportunity.

- Make farming advice easy, local, and instant.
- Digitally uplift small rural communities across India.
- Build trust through transparency and real-time information.
- Advance sustainable agriculture with daily actionable guidance.



our mission



AgriBot

01

To democratize agricultural expertise for every farmer by leveraging AI and multilingual communication, ensuring no rural community is excluded from daily access to actionable knowledge and personalized guidance.

02

To transform farming lives by providing transparent, real-time advice on markets, crop health, and costs, enabling more informed decisions, improved yields, and economic upliftment across India's agri sector.

03

To foster sustainability and resilience in agriculture by uniting digital innovation with local wisdom, empowering farmers to overcome uncertainty and thrive despite climate or market challenges, for a brighter rural future.

Team Techies



thank
you

